

FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 390054.402	APPLICATION NO. 09/912,266
<b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)		APPLICANTS James E. Fleming et al.	
		FILING DATE July 24, 2001	GROUP ART UNIT 1743

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
88	AA	3,586,859	6/22/71	Katz et al.	250	83.3 UV	
88	AB	4,783,401	11/8/88	Horan et al.	435	34	
88	AC	5,436,134	7/25/95	Haugland et al.	435	34	
88	AD	5,437,980	8/1/95	Haugland	435	6	
88	AE	5,563,070	10/8/96	Yamamoto et al.	436	63	
88	AF	5,582,984	12/10/96	Bieniarz et al.	435	6	
88	AG	5,658,751	8/19/97	Yue et al.	435	34	
88	AH	5,939,282	8/17/99	Harman et al.	435	29	
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

88	AJ	Allen, F., "The Microbrewery Laboratory Manual – A Practical Guide to Laboratory Techniques and Quality Control Procedures for Small – Scale Brewers," <i>Brewing Techniques</i> 2(4): 28-35, July/August 1994.
88	AK	Breeuwer et al., "Energy-Dependent, Carrier-Mediated Extrusion of Carboxyfluorescein from <i>Saccharomyces cerevisiae</i> Allows Rapid Assessment of Cell Viability by Flow Cytometry," <i>Applied and Environmental Microbiology</i> 60(5): 1467-1472, May 1994.
88	AL	Breeuwer et al., "Characterization of Uptake and Hydrolysis of Fluorescein Diacetate and Carboxyfluorescein Diacetate by Intracellular Esterases in <i>Saccharomyces cerevisiae</i> , Which Result in Accumulation of Fluorescent Product," <i>Applied and Environmental Microbiology</i> 61(4): 1614-1619, April 1995.
88	AM	Carvell et al., "Developments in Using Off-Line Radio Frequency Impedance Methods for Measuring the Viable Cell Concentration in the Brewery," <i>J. Am. Soc. Brew. Chem.</i> 58(2): 57-62, 2000.

EXAMINER <i>Grisham A. Gabel</i>	DATE CONSIDERED <i>1/26/03</i>
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\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

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		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES		
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
88	BA	Catt et al., "Hoechst staining and exposure to UV laser during flow cytometric sorting does not affect the frequency of detected endogenous DNA nicks in abnormal and normal human spermatozoa," <i>Molecular Human Reproduction</i> 3(9): 821-825, 1997.					
88	BB	Ferguson and Denny, "Microbial mutagenic effects of the DNA minor groove binder pibenzimol (Hoechst 33258) and a series of mustard analogues," <i>Mutation Research</i> 329: 19-27, 1995.					
88	BC	Griffith et al., "An evaluation of luminometry as a technique in food microbiology and a comparison of six commercially available luminometers," <i>Food Science and Technology Today</i> 8(4): 209-216, December 1994.					
88	BD	Guldfeldt et al., "Relationship Between Yeast Cell Proliferation and Intracellular Esterase Activity During Brewing Fermentations," <i>J. Inst. Brew.</i> 104: 333-338, November-December 1998.					
88	BE	Koch et al., "Fluorescence Microscopy Procedure for Quantitation of Yeasts in Beverages," <i>Applied and Environmental Microbiology</i> 52(3): 599-601, September 1986.					
88	BF	Latt and Wohlleb, "Optical Studies of the Interaction of 33258 Hoechst with DNA, Chromatin, and Metaphase Chromosomes," <i>Chromosoma</i> 52: 297-316, 1975.					
88	BG	Mochaba et al., "Practical Procedures to Measure Yeast Viability and Vitality Prior to Pitching," <i>J. Am. Soc. Brew. Chem.</i> 56(1): 1-6, 1998.					
88	BH	O'Connor-Cox et al., "Methylene Blue Staining: Use At Your Own Risk," <i>Technical Quarterly</i> 34(1): 306-312, 1997.					
88	BI	Prosperi, E., "Intracellular turnover of Fluorescein diacetate. Influence of membrane ionic gradients on Fluorescein efflux," <i>Histochemical Journal</i> 22: 227-233, 1990.					
88	BJ	Smart et al., "Use of Methylene Violet Staining Procedures to Determine Yeast Viability and Vitality," <i>J. Am. Soc. Brew. Chem.</i> 57(1): 18-23, 1992.					
	BK						
EXAMINER Dairine B. Stahl				DATE CONSIDERED 2/26/03			
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FORM PTO-1449 EV.7-80		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 390054.402	APPLICATION NO. 09/912,266
<b>SUPPLEMENTAL          INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)				APPLICANTS James E. Fleming et al.	
				FILING DATE July 24, 2001	GROUP ART UNIT 1743

U.S. PATENT DOCUMENTS							
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	AA						
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						

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FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
818	AI	WO 92/02632	2/20/92	WIPO	<input checked="" type="checkbox"/>	
	AJ					
	AK					
	AL					
	AM					

COPY OF PAPERS  
ORIGINALLY FILED

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
818	AN	Kovařík et al., "Estimation of viable cell count after fluorescein diacetate standing using phosphoimager analysis," <i>Biotechniques</i> 27(4): 685-688, October 1999.
818	AO	Steward et al., "A new methodology for plant cell viability assessment using intracellular esterase activity," <i>Plant Cell Reports</i> 19(2): 171-176, December 1999.
	AP	
	AQ	
	AR	

EXAMINER <i>Patricia B. Gabel</i>	DATE CONSIDERED 2-26-03
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